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In The Matter of International Patent Application:

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| Applicant | : | **Iogen Corporation; National Research Council Of Canada; SUNG, Wing L.; et al** |
| PCT Application No. | : | **PCT/CA99/01093** |
| PCT Filing Date | : | **November 16, 1999** |
| Title | : | **Xylanases With Improved Performance In Feed Pelleting Applications** |
| Our File | : | **O8-881610WO** |
| Date | : | **November 17, 2000** |

European Patent Office
Erhardstrasse 27
D-80331 Munich
FEDERAL REPUBLIC OF GERMANY



**Article 34 Amendment**

Sir:

This letter is in response to the Written Opinion issued on August 18, 2000.

IN THE CLAIMS

Please amend claims 1 and 23.

Please add new claim 29 to 32.

Amended claim pages incorporating the amendments above are submitted herewith.

REMARKS

Support for amended claims 1 and 23 may be found on page 12, lines 23 through to 31.

Support for new claims 29 to 31 may be found, for example, in Table 2 on page 19 and in Examples 1-5 (pages 20-36) of the present application. Support for claim 32 is found in Table 1, page 13.

Claims 1, 2, 6 and 8-11 have been objected to under Article 33(2) PCT as lacking novelty in view of D1. Examiner indicates that Example 12 of D1 demonstrates that Ni-TX8 maintains 55% of its activity after 60 minutes incubation at 60°C, and in Example 8, of having activity up to pH6. Applicant respectfully disagrees with Examiner's objection and submitts that D1 does not anticipate the subject mater claimed in claims 1, 2, 6 and 8-11.

Claim 1 requires that an isolated xylanase enzyme maintains 40% of effectivity from about pH3.5 to about pH6, and at the same time maintains 40% of its optimal activity from about 40